

Shp June 30 or B-4

Work Order ID 70926



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Friday, June 17, 2011 1:52:40 PM

Item ID: D412-702-023

Accept



Setup Start



Revision ID:

DL per EN11-594

Stop



Item Name: 5-Man Shoulder Harness, 4 point

Start Date: 6/17/2011 Start Qty: 1.00



Cust Item ID:

Required Date: 6/30/2011 Req'd Qty: 1.00



Customer:

Reference:

Run Start



Approvals:

Process Plan:

Date:

Tooling:

Date:

Stop



QC:

Date:

SPC (Y/N):

Date:

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

N/A

Rev E

100

0.00



DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy bluefile and create labels per PPP D412-702-023 CHG003

5/11/06/29

110

0.00



Pick Kit

Packaging

Memo

0.00

Packaging

11/6/2005

120

0.00



QC4- 100% Inspect kits for completeness

QC

Memo

0.00

Quality Control

8/16/06/29

40

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Item ID: D412-702-023

Accept



Setup Start



Revision ID: U/R

Stop



Item Name: 5-Man Shoulder Harness, 4 point

Start Date: 6/17/2011 Start Qty: 1.00



Cust Item ID:

Required Date: 6/30/2011 Req'd Qty: 1.00



Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130		0.00							
	Packaging								
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP D412-702-023 Location: _____								
140		0.00							
	QC21- Final Inspection - Work Order Release								
QC	Memo	0.00							
Quality Control									

EO 11/6/29 (1)

11/6/29 JF

11-06-29 (1)

Picklist Print

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Page 1

Work Order ID: 70926

Parent Item: D412-702-023

Parent Item Name: 5-Man Shoulder Harness, 4 point





Start Date: 6/17/2011

Required Date: 6/30/2011

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:B Removed Manufacturing 05-11-08 JLM
 IPP Rev:C 06.04.03 As per DSI9324 JLM
 IPP rev D 06.12.14 per ecn 871 EC
 IPP Rev:E 07-03-14 As per DSI 9351 JLM IPP
 Rev.F 11.05.31 DSI 9559 EC verified by: JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
AN4-13A  Bolt		Purchased	No			120	Each	294.0000	4	4			
<div>Location</div> <div>ST357</div> <div>117962</div> <div>Loc Qty</div> <div>294</div> <div>294</div> <div>Loc Code</div>													
D3195-041  Bracket Assembly		Manufactured	No			120	Each	6.0000	2	2			
<div>Location</div> <div>ST246A</div> <div>70146</div> <div>Loc Qty</div> <div>6</div> <div>6</div> <div>Loc Code</div>													
D3195-043  Bracket Assembly		Manufactured	No			120	Each	2.0000	2	2			
<div>Location</div> <div>ST246A</div> <div>68988</div> <div>Loc Qty</div> <div>2</div> <div>2</div> <div>Loc Code</div>													
D3196-1  Bar		Manufactured	No			120	Each	2.0000	1	1			
<div>Location</div> <div>ST260</div> <div>69326</div> <div>Loc Qty</div> <div>2</div> <div>2</div> <div>Loc Code</div>													

7/1/39 / 6/13/29

11/6/20

Picklist Print

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Work Order ID: 70926

Parent Item: D412-702-023

Parent Item Name: 5-Man Shoulder Harness, 4 point

Start Date: 6/17/2011

Required Date: 6/30/2011

Start Qty: 1.00

Required Qty: 1.00

D3197-041

Manufactured No

120 Each

4.0000

2

2

Bar Assembly

Location

Loc Qty

Loc Code

ST260

4

70148

4

D3268-1

Manufactured No

120 Each

2.0000

2

2

Placard

Location

Loc Qty

Loc Code

ST246A

2

64841

2

D3546-1

Manufactured No

120 Each

12.0000

2

Clip

Location

Loc Qty

Loc Code

ST245

12

70150

12

D3551-11

Manufactured No

120 Each

4.0000

5

Hook and Loop Tie

Location

Loc Qty

Loc Code

ST246A

4

68427

4

D412-702-069

Manufactured No

120 Each

1.0000

1

1

Grommet

Location

Loc Qty

Loc Code

FG122

1

62206

1

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Shop Packet Print

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Picklist Print

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Work Order ID: 70926



Parent Item: D412-702-023



Parent Item Name: 5-Man Shoulder Harness, 4 point

Start Date: 6/17/2011

Required Date: 6/30/2011

Start Qty: 1.00

Required Qty: 1.00

D4387-041

Manufactured No

120

Each

4.0000

5

5



Harness Assembly



70959

LC

Location

Loc Qty

Loc Code

ST263

4

70759

4

MS24694-S152

Purchased

No

120

Each

53.0000

2

2



Screw



if

Location

Loc Qty

Loc Code

ST289A

53

116440

53

MS24694-S154

Purchased

No

120

Each

42.0000

2

2



SCREW



2
11/6/2011

Location

Loc Qty

Loc Code

ST290

42

116328

8

117601

34

2

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QTY -021	QTY -023	QTY -025	QTY -027	QTY -029	QTY -035	Part Number	Description
X						D412-702-021	Dart 13-Man Shoulder Harness Kit, 4-point
	X					D412-702-023	Dart 5-Man Forward Facing Shoulder Harness Kit, 4-point
		X				D412-702-025	Dart 4-Man Aft Facing Shoulder Harness Kit, 4-point
			X			D412-702-027	Dart 4-Man Side Facing Shoulder Harness Kit, 4-point
				X		D412-702-029	Dart 1-Man Forward Facing Shoulder Harness Kit, 4-point
					X	D214-702-035	Dart 5-Man Aft Facing Shoulder Harness Kit, 4-point, for Bell 214B/B-1
1	1		1	1		D412-702-069	GROMMET KIT
2	2					D3195-041	BRACKET
2	2					D3195-043	BRACKET
1	1			1		D3196-1	BAR
1			1			D3196-3	BAR
1			1			D3196-4	BAR
2	2					D3197-041	BAR
4		4				D3198-1	FITTING
2	2					D3268-1	PLACARD
9	2		4	1		D3446-041	HARNESS ASSEMBLY, 4 POINT
4		4				D3446-043	HARNESS ASSEMBLY, 4 POINT
					5	D3446-045	HARNESS ASSEMBLY, 4 POINT
13	5	4	4	1	5	D3551-11	HOOK AND LOOP TIE
2	2					D3546-1	CLIP
4		4				AN4-5A	BOLT
4	4					AN4-13A	BOLT
8		8				AN4-20A	BOLT
20		20				AN960JD416	WASHER (OR NAS1149D0463J)
12		12				MS21042L4	NUT (OR MS21042-4)
8	2		6	2		MS24694-S152	SCREW
8	2		6	2		MS24694-S154	SCREW

QTY -069	Part Number	Description
X	D412-702-069	GROMMET KIT
24	D3619-2	GROMMET
1	D3619-2T1	HOLE PUNCH
1	D3619-2T2	STRIKER BLOCK
1	D3619-2T3	PUNCH
1	D3619-2T4	DIE

DART SERVICE INSTRUCTION

TO AMEND IIN-D412-702-1 REV. A,
AND ICA-D412-702 REV. 4 OR EARLIER APPROVED REVISIONS
REF. TCCA STC: SH04-7
REF. FAA STC: SR01997NY
REF. EASA STC: EASA.IM.R.S.00710

REFERENCE ONLY

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PURPOSE

The purpose of this DSI is to outline the replacement of existing D3446-041/-043 Shoulder Harnesses with the new and improved D4387-041/-043 Shoulder Harnesses.

CHANGE

For the following Kits, the D4387-041 and D4387-043 Shoulder Harnesses respectively replace the D3446-041 and D3446-043 Shoulder Harnesses as follows:

Old Harness P/N	Used On	New Harness P/N	Effectivity
D3446-041	D412-702-021	D4387-041	CHG 003 and subsequent
	D412-702-023/		
	D412-702-027		CHG 002 and subsequent
	D412-702-029		
D3446-043	D412-702-021	D4387-043	CHG 003 and subsequent
	D412-702-025		CHG 002 and subsequent






Customers who want to upgrade their shoulder harnesses may replace their existing D3446-041/-043 with D4387-041/-043 per this service instruction.

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

DATE: 11.05.09
CERT. NO.: SH04-7
ISSUE NO.: 3

A	NEW ISSUE	MB	11.05.09
REV.	DESCRIPTION	BY	DATE
DESIGN		DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN			
CHECKED		DRAWING NO. REV. A	
MFG. APPR.	N/A	DSI 9559 SHEET 1 OF 1	
APPROVED		TITLE SCALE	
DE APPR.		HARNESS CHANGE NTS	
DATE	11.05.09	<small>COPYRIGHT © 2011 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	